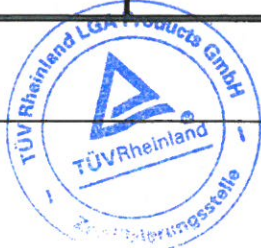




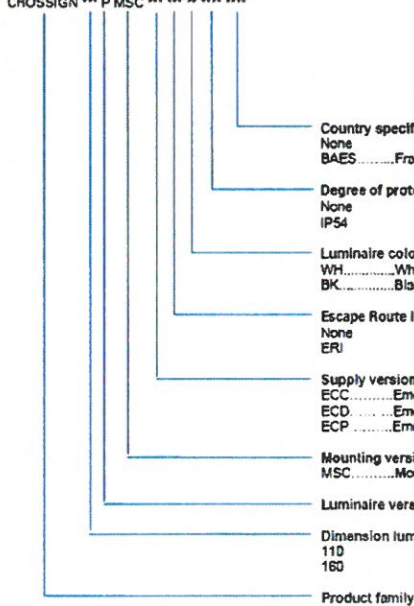
Date: 31.01.2020

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	60325049 001	CERTIFICATE NUMBER	UY60146490 0001
DATE OF ISSUE	18.12.2019	DATE OF ISSUE	31.01.2020
DATE OF EXPIRY	Not applicable	DATE OF EXPIRY	30.01.2022
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Zumtobel Lighting GmbH	NAME OF THE BRAND	 ZUMTOBEL
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Schweizer Straße 30, 6850 Dornbirn, Austria	MODEL / NO	CROSSIGN aaa P MSC bbb ccc dd eeee ffff aaa = 160 or 110 bbb = ECC, ECD, ECP, E1D, E2D, or E3D ccc = none or ERI dd = WH or BK eeee = none(IP42) or IP54(IP54) ffff = none or BAES (Detail information on page 2, 3 and Annex 1)
WEBSITE	www.zumtobel.com	LOGO ON THE PRODUCT	 ZUMTOBEL
TEL	Tel: + 43 5572 390-0 Fax: +43 5572 22826	EMAIL	info@zumtobel.info





	Product Details From Test Report	Reference Test Report page NO
DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)	Escape sign emergency luminaire Escape sign emergency luminaire for wall-, suspended- or ceiling-mounting. The material from the housing and the cover with the escape sign are polycarbonate. The escape sign is digitally printed. Escape-route illumination (ERI) function provided by two additional high power LEDs and asymmetric lenses with 360° adjustment, latched in 90° positions. Housing material: Polycarbonate Type of protection: Class II Degree of protection: IP42 (MSC); IP54 (MSC IP54) Connection: Screwless terminal Mounting: wall-, suspended-, ceiling-mounting Emergency mode: centrally supplied CROSSIGN *** P MSC *** ** ** **  - Country specific: None BAESFrance - Degree of protection: None IP54 - Luminaire colour: WHWhite BKBlack - Escape Route Illumination (ERI): None ERI - Supply version: ECCEmergency Central battery Circuit monitoring ECDEmergency Central battery Dali ECPEmergency Central battery Powerline - Mounting version: MSCMounting Surface Ceiling - Luminaire version - Dimension luminaire 110 160 - Product family	2-11





Emergency mode: Battery supplied (emergency lighting in maintained or non-maintained mode)

CROSSIGN *** P MSC *** ** ** **

Country specific:
None
BAES.....France

Degree of protection:
None
IP54

Luminaire colour:
WH.....White
BK.....Black

Escape Route Illumination (ERI):
None
ERI

Supply version:
E1D.....Emergency 1 hour self-contained Dali
E2D.....Emergency 2 hour self-contained Dali
E3D.....Emergency 3 hour self-contained Dali

Mounting version:
MSC.....Mounting Surface Ceiling

Luminaire version

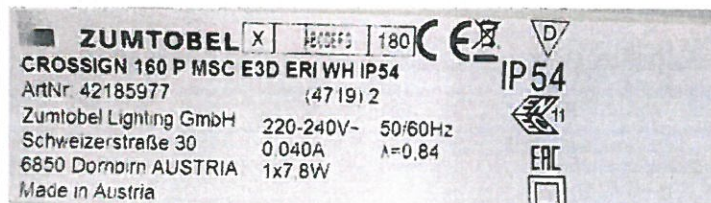
Dimension luminaire
110
160

Product family

Luminaire Power:

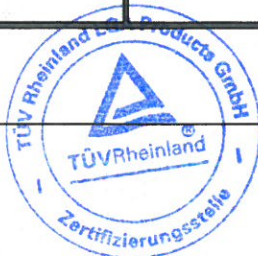
CROSSIGN 110				CROSSIGN 160			
		P _{max} [W]	λ			P _{max} [W]	λ
E1D	CROSSIGN 110	6,6	0,8	E1D	CROSSIGN 160	7,3	0,83
	CROSSIGN 110 ERI	6,6	0,8		CROSSIGN 160 ERI	7,3	0,83
E2D	CROSSIGN 110	6,6	0,8	E2D	CROSSIGN 160	7,3	0,83
	CROSSIGN 110 ERI	6,6	0,81		CROSSIGN 160 ERI	7,3	0,84
E3D	CROSSIGN 110	4,7	0,72	E3D	CROSSIGN 160	5,7	0,77
	CROSSIGN 110 ERI	6,2	0,77		CROSSIGN 160 ERI	7,1	0,77
ECP	CROSSIGN 110	4,7	0,7	ECP	CROSSIGN 160	5,7	0,81
	CROSSIGN 110 ERI	6,2	0,77		CROSSIGN 160 ERI	7,1	0,81
ECC	CROSSIGN 110	4,8	0,72	ECC	CROSSIGN 160	5,8	0,77

Example of marking plate

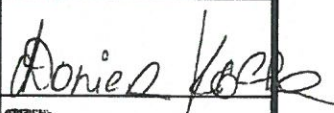




TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	EN 60598-2-22:2014 used in conjunction with EN 60598-1:2015, AMD1:2018 (IEC 60598-2-22:2014, AMD1:2017 used in conjunction with IEC 60598-1:2014, AMD1:2017)	1, 4
TEST DESCRIPTION	- GENERAL TEST REQUIREMENTS 22.4 - Classification and Marking clause 22.5, 22.6 - Construction, Terminals and supply connections clause 22.7 (4.2, 4.3, 4.7) - Electrical and screws and connections clause 22.7 (4.10, 4.11, 4.12) - Mechanical strength clause 22.7 (4.13, 4.14) - Flammable materials and resistance to corrosion clause 22.7 (4.15, 4.16) - Photobiological hazards clause 22.7 (4.24) - Mechanical hazard clause 22.7 (4.25) - Insulation between circuits clause 22.7 (4.31) - CREEPAGE DISTANCES AND CLEARANCES clause 22.8 - Screw Terminals and Electrical Connections clause 22.10 - EXTERNAL AND INTERNAL WIRING clause 22.11 - PROTECTION AGAINST ELECTRIC SHOCK clause 22.12 - ENDURANCE TEST AND THERMAL TEST clause 22.13 - Resistance to Dust and Moisture clause 22.14 - INSULATION RESISTANCE AND ELECTRIC STRENGTH clause 22.15 - RESISTANCE TO HEAT, FIRE AND TRACKING clause 22.16 - Photometric data clause 22.17 - CHANGEOVER OPERATION clause 22.18 - High temperature operation clause 22.19 - BATTERY CHARGERS FOR SELF-CONTAINED EMERGENCY LUMINAIRES clause 22.20 - TEST DEVICES FOR EMERGENCY OPERATION clause 22.21 - Annex A, B, C	12-38 41-42
SPECIFICATION OF TEST SPECIMEN	Escape sign emergency luminaire are class II primary powered Already approved built-in LED lamp converters are used as power supply of the LED module	6
TEST RESULT (SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___OBSERVATION___ETC)	PASS acc. to EN 60598-2-22:2014 used in conjunction with EN 60598-1:2015, AMD1:2018 (IEC 60598-2-22:2014, AMD1:2017 used in conjunction with IEC 60598-1:2014, AMD1:2017)	3 and 4
PRODUCT APPLICATION GUIDELINE (END USE) (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN___/TO BE INSTALLED AT___/TO BE CONNECTED WITH___/TO BE INSTALLED WITH___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN___/NOT TO BE INSTALLED AT___/NOT TO BE INSTALLED WITH___ ETC.	In Manual details general features, suitability with emergency lighting system variants, light coding, graphic schemes and installation advices. Safety notes: EN Instructions for installation and operation! The installation and commissioning of the luminaire as well as any modification to the luminaire may only be performed by authorized personnel (qualified electrician). National installation regulations must be observed. Before any work on the appliance is done, it must be disconnected from mains. Hot plug-in is not an option and may cause damage to the lamp or luminaire! The manufacturer is not liable for damages resulting from improper or faulty installation or operation or from unauthorized modifications to the luminaire. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similarly qualified person. Caution, risk of electric shock! Specifications are subject to change without notice! If you have questions, please contact the manufacturer.	'Manual Sheet'





Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	TUV Rheinland LGA Products GmbH	NAME OF TEST FACILITY	TUV Rheinland LGA Products GmbH
CERTIFICATION BODY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Tillystraße 2, 90431, Nuremberg, Germany	TEST FACILITY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Am Grauen Stein 29 51105 Cologne, Germany
WEBSITE	www.tuv.com	WEBSITE	www.tuv.com
TEL	+49 911 655 5225	TEL	+49 911 655 5225
EMAIL	service@de.tuv.com	EMAIL	service@de.tuv.com
ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)	DAkKS – Deutsche Akkreditierungsstelle	ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)	DAkKS – Deutsche Akkreditierungsstelle
AS PER (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)	DIN EN ISO/IEC 17065:2013	AS PER (STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)	DIN EN ISO/IEC 17025:2005
VALIDITY (EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)	28.11.2022	VALIDITY (EXPIRY DATE OF LABORATORY ACCREDITATION)	unlimited
REFERENCE NUMBER: (CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	D-ZE-14169-01-04	REFERENCE NUMBER: (THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	D-PL-14169-03-01 Issued 19.03.2019
CERTIFICATION MARK			
(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Zumtobel Lighting GmbH Mr. Daniel Köchl	SIGNATURE	
EMAIL / TEL	Daniel.Koechl@zumtobelgroup.com +43 664808923010	FACTORY OFFICIAL SEAL	 ZUMTOBEL Zumtobel Lighting GmbH Schweizer Strasse 3 A-6851 Dornbirn
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	TÜV Rheinland LGA Products GmbH Mr. Volker Ebinghaus	SIGNATURE	
EMAIL / TEL	service@de.tuv.com +49 911 655 5225	CERTIFICATION BODY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			



Annex 1

Art.nr.	Article description
42185954	CROSSIGN 110 P MSC E1D ERI WH
42186099	CROSSIGN 110 P MSC E1D ERI WH BAES
42185944	CROSSIGN 110 P MSC E1D WH
42185945	CROSSIGN 110 P MSC E3D ERI WH
42185955	CROSSIGN 110 P MSC E3D WH
42185941	CROSSIGN 110 P MSC ECC WH
42185940	CROSSIGN 110 P MSC ECD ERI WH
42185933	CROSSIGN 110 P MSC ECD WH
42185943	CROSSIGN 110 P MSC ECP ERI WH
42185942	CROSSIGN 110 P MSC ECP WH
42185950	CROSSIGN 160 P MSC E1D ERI WH
42185973	CROSSIGN 160 P MSC E1D ERI WH IP54
42185971	CROSSIGN 160 P MSC E1D WH
42185972	CROSSIGN 160 P MSC E1D WH IP54
42185976	CROSSIGN 160 P MSC E3D ERI WH
42185977	CROSSIGN 160 P MSC E3D ERI WH IP54
42185974	CROSSIGN 160 P MSC E3D WH
42185975	CROSSIGN 160 P MSC E3D WH IP54
42185966	CROSSIGN 160 P MSC ECC WH
42185967	CROSSIGN 160 P MSC ECC WH IP54
42185948	CROSSIGN 160 P MSC ECD ERI WH
42185965	CROSSIGN 160 P MSC ECD ERI WH IP54
42185963	CROSSIGN 160 P MSC ECD WH
42185964	CROSSIGN 160 P MSC ECD WH IP54
42185970	CROSSIGN 160 P MSC ECP ERI WH
42185949	CROSSIGN 160 P MSC ECP ERI WH IP54
42185968	CROSSIGN 160 P MSC ECP WH
42185969	CROSSIGN 160 P MSC ECP WH IP54

Art.nr.	Accessories
22168604	CROSSIGN 110 SP-1D
22900358	CROSSIGN 110 SP-1DL
22900356	CROSSIGN 110 SP-1DR
22168605	CROSSIGN 110 SP-1L
22168606	CROSSIGN 110 SP-1R
22900362	CROSSIGN 110 SP-1UP
22900357	CROSSIGN 110 SP-1UPL
22900355	CROSSIGN 110 SP-1UPR
22168607	CROSSIGN 110 SP-2D
22900360	CROSSIGN 110 SP-2DLR
22168608	CROSSIGN 110 SP-2LR
22900361	CROSSIGN 110 SP-2UP
22900359	CROSSIGN 110 SP-2UPLR
22168614	CROSSIGN 160 SP-1D
22900368	CROSSIGN 160 SP-1DL
22900366	CROSSIGN 160 SP-1DR
22168595	CROSSIGN 160 SP-1L
22168596	CROSSIGN 160 SP-1R
22900363	CROSSIGN 160 SP-1UP
22900367	CROSSIGN 160 SP-1UPL
22900365	CROSSIGN 160 SP-1UPR
22168597	CROSSIGN 160 SP-2D
22900370	CROSSIGN 160 SP-2DLR
22168598	CROSSIGN 160 SP-2LR
22900364	CROSSIGN 160 SP-2UP
22900369	CROSSIGN 160 SP-2UPLR

